

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 6. (Canceled).

7. (Currently Amended) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;

an armature acted upon in a closing direction by a restoring spring; and

a valve needle, which is connected to the armature by force-locking and at which a valve-closure member is formed, which forms a sealing seat together with a valve-needle surface, the armature facing and striking against a stop face of an inner pole of the solenoid coil by way of an armature stop face, ~~at least one of~~

wherein both the armature stop face and the stop face of the inner pole
~~having a~~ have the same coating,

the coating being deposited on the armature stop face and on the stop face of the inner pole including in a plurality of chromium layers, the coating and having a surface structure having with raised areas and recessed areas, wherein the raised areas have a dome-shaped design and the height difference between the raised areas and recessed areas is initially between 5 μm and 10 μm and is reduced to between 4 μm and 5 μm during use of the fuel injector.

Claim 8 to 12. (Canceled).